
Appl	lica	tion/	Con	trol	No.

10506357 Examiner

Stork, Kyle R

Applicant(s)/Patent Under Reexamination
HARROP ET AL.

357 | H.

Art Unit 2178

✓ Rejected
= Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

] Claims	renumbered	in the same	order as pr	esented by	applicant		☐ CPA	1.0.		R.1.47
CL	AIM	IM DATE								
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010				
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	4	-	-	-	-	-				
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	10	-		-	-	-				
	11	-	٠	-	-	-				
	12	-	-	-	-	-				
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	14	-	-	-	-	-				
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	23	-	-	-	-	-				
	24	-	-	-	-	-				
	25	-		-	-	-				
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	27	-		-		-				
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	29	-		-	-	-				
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	33	-	-	-	-	-				
	34	-	-	-	-	-				
	35	-		-		-				
	36	-			-					

Appl	licat	ion/	Con	trol	N	ο.
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10506357

HARROP ET AL.

Examiner Stork, Kyle R

2178

Applicant(s)/Patent Under Reexamination

~	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	MIA	DATE								
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010			1	Т
	37			-	-	-				
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	40	-	-	-	-	-				
	41	-	-	-	-	-				
	42	-	-	-	-	-				
	43	-	-	-	-	-				
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	45	-		-		-				
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	47	-		-		-				
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	50	-	-	-	-	-				
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	56	-	-	-	-	-				
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	58	-	-	-	-	-				
	59	-	-	-	-	-			1	
	60	-	-	-	-	-				
	61	-		-	-	-				
	62	-	-	-	-	-				
	63	-		-		-				
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	66	-		-		-				
	67	-	-	-	-	-				
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	69	-	-	-	-	-				
	70	-		-	-	-				
	71	-		-	-	-				

App	lication	Control	l No.
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10506357 Examiner

Stork, Kyle R

Applicant(s)/Patent Under Reexamination
HARROP ET AL.

357 | HAR

Art Unit

✓ Rejected
= Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
О	Objected

CL	AIM					DATE			
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010			1	\neg
	73	-				-	_		
	74		-	-	-	-			
	75		-			-			_
	76		-						
	77		-			-			
	78		-	-	-	-			
	79	-	-	-	-	-			
	80	-	-	-	-	-			
	81	-	-	-	-	-			
	82	-	-	-	-	-			
	83	-		-		-			
	84	-		-	-	-			
	85	-		-	-	-			
	86	-	-	-	-	-			
	87	-	-	-	-	-			
	88	-	-	-	-	-			
	89								
	90	·	-	-	-	-			
	91	·	-	-	-	-			
	92	·	-	-	-	-			
	93	/	-	-	-	-			
	94	/	-	-	-	-			
	95	/	-	-	-	-			
	96	/	-	-	-	-			
	97	· ·	-	-	-	-			
	98	- 1	-	-	-	-			
	99	1		-	-	-			
	100	1		-		-			
	101	1				-			
	102	1		-		-			
	103	1		-	-	-			
	104	· ·	-	-	-	-			
	105	-	-	-	-	-			
	106	/	-	-	-	-			
	107	/					-	1	-

App	lica	tion	Con	trol	No.
App	lica	uon	Con	troi	NO.

10506357

HARROP ET AL.

Examiner Stork, Kyle R Art Unit 2178

Applicant(s)/Patent Under Reexamination

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	AIM		DATE							
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010			1	
	109	1		-	-	-				
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	112	1		-		-				
	113	/	-	-	-	-				
	114	/		-	-	-				
	115	/		-	-	-				
	116	1		-	-	-				
	117	1		-	-	-				
	118	1		-	-	-				
	119	1		-	-	-				
	120	1		-	-	-				
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	123	1		-		-				
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	129	1		-		-				
	130	1		-		-				
	131	1		-		-				
	132	1		-	-	-				
	133	·		-	-	-				
	134	_ <		-	-					
	135	·		-						
	136	· ·		-	-	-				
	137	1		-	-	-				
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	139	1		-	-	-				
	140	1		-	-	-				
	141	1	-	-	-	-				
	142	1	-	-	-	-				
	143	· ·		-	-	-				
	144	-	-	-	-	-				t

Application/Con	itrol No.
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10506357

Applicant(s)/Patent Under Reexamination HARROP ET AL.

Art Unit

Examiner Stork, Kyle R

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	AIM	1	DATE							
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010				
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	157	N		-	-	-				
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	175	N		-	-	-				
	176	N		-	-	-				
	177	N	-	-	-	-				
	178	N	-	-	-	-				
	179		N	N	-	-				

Appl	licat	ion/	Con	trol	N	ο.
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10506357

Stork, Kyle R

Applicant(s)/Patent Under Reexamination
HARROP ET AL.

57 HARF

Examiner

Art Unit

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CLAIM DATE										
CL						DATE				
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010				
	181		N	N	-	-			-	
	182		N	N	-	-				
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	186		N	N	-	-				
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	188		N	N	-	-				
	189		N	N	-	-				
	190		N	N	-	-				
	191		N	N	-	-				
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	212		N	N		-				
	213		N	N		-				
	214		N	N	-	-				
	215		N	N		-				1
	216	l	N	N		-	l	1		-

Application/Control No.	App	lication/	Control	No.
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10506357

Applicant(s)/Patent Under Reexamination HARROP ET AL.

Art Unit

Examiner Stork, Kyle R

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

A	Appeal
О	Objected

CL	AIM	DATE								
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010				
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	218		N	N	-	-				
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	226		N	N	-	-				
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	229		N	N		-				
	230		N	N		-				
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	239		N	N		-				
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	242		N	N	-	-				
	243		V	· ·		-				
	244		V	· /		-				
	245		✓	1	-	-				
	246		1	1	-	-				
	247		✓	1	-	-				
	248		1	1	-	-				
	249		·	1	-	-				
	250		· ·	1	-	-				
	251		·	·	-	-				
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App	lication	Control	l No.
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10506357

HARROP ET AL.

Examiner Stork, Kyle R

Art Unit

2178

Applicant(s)/Patent Under Reexamination

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	AIM	DATE							
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	254		·	1		-			
	255		·	1	-	-			
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	258		✓	1	-	-			
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	260		1	1	-	-			
	261		·	/	-	-			
	262		✓	·	-	-			
	263		✓	·		-			
	264		✓	·		-			
	265		✓	1		-			
	266		✓	1		-			
	267		✓	1		-			
	268		V	1	-	-			
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	270		✓	·	-	-			
	271		✓	·		-			
	272		✓	V		-			
	273		✓	-		-			
	274		✓	-		-			
	275		✓	-		-			
	276		✓	-	-	-			
	277		✓	-	-	-			
	278		✓	-	-	-			
	279		·	-		-			
	280		√	-		-			
	281		✓	-	-	-			
	282		✓	-	-	-			
	283		✓	-	-	-			
	284		✓	-	-	-			
	285		✓	-	-	-			
	286		· ·	-	-	-			
	287		√	-	-	-			
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10506357

Applicant(s)/Patent Under Reexamination

Art Unit

HARROP ET AL.

Examiner Stork, Kyle R

1	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

Final						DATE			
	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010		Т	\top
	289			N		-			
	290			N		-			
	291			N	-	-			
	292			N	-	-			
	293			N	-	-			
	294			√	-	-			
	295			N	-	-			
	296			N	-	-			
	297			N		-			
	298			N	-	-		寸	
1	299				·	-		\neg	
2	300				·	-			
3	301				·	-			
4	302				·	-			
5	303				·	-			
6	304				·	-			
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12	306				·	=			
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14	308				·	-			
15	309				·	-			
16	310				·	=			
17	311				·	=			
18	312				·	=			
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	314				_ <	-			
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25	316				0	-			
8	317				1	-			
26	318				1	-			
21	319				1	-			
22	320				1	-		T	
23	321				1	-		T	
24	322				1	-			
10	323				·	-			

Application/Control No.	Applicant(s)/Patent Under Reexamination
10506357	HARROP ET AL.
Examiner	Art Unit
Stork Kyle R	2178

1	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

☐ Claims renumbered in the same order as presented by applicant							□ СРА	□ T.D	. 🗆	R.1.47
CLAIM		DATE								
Final	Original	01/10/2008	07/21/2008	01/20/2010	06/24/2010	10/04/2010				
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9	326				·	-				
27	327				·	-				
28	328				√	-				
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U.S. Patent and Trademark Office Part of Paper No.: 20101004